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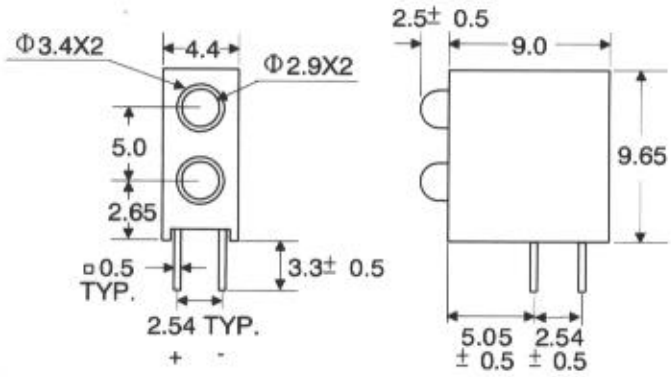
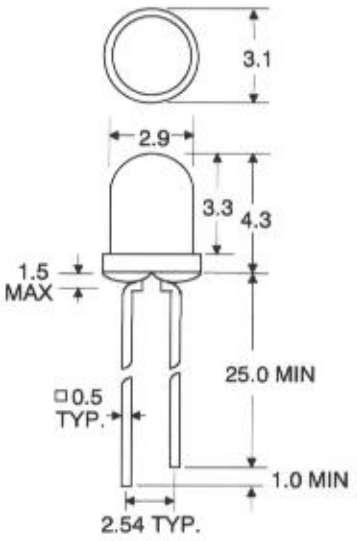
LIGITEK

Jameco Part Number 136282 (LA44B/2I)

ARRAY WITH LED LAMPS — LA44B/2X-1 SERIES

Package Dimension





LX2640-1

Note: All dimension are in millimeter tolerance is +0.25mm unless otherwise noted.

· Part Selection And Application Information (Ratings At 25°C Ambient)

PART NO	MATERIAL	COLOR		peak wave length λPnm	spectral halfwidth Δλ nm	forward voltage @20mA(v)		luminous intensity @10mA(mcd)		viewing angle 2θ 1/2 (deg)
		Emitted	*Lens*			*Min*	*Max*	*Min*	*Typ.*	
LA44B/2G-1	GaP	Green	Green Diffused	565	30	1.7	2.8	9.0	15	50
LA44B/2I-1	GaAsP/GaP	Orange	Red Diffused	630	45	1.7	2.8	7.5	12	50
LA44B/2Y-1	GaAsP/GaP	Yellow	Yellow Diffused	585	35	1.7	2.8	7.5	12	50
LA44B/2H-1	GaP	Red	Red Diffused	697	90	1.7	2.8	2.0	4.2	50

· Absolute Maximum Rating (Ta=25°C)

PARAMETER	RED			GREEN		YELLOW		ORANGE		UNIT	REMARK
			H		*G*		*Y*		*I*		
Forward Current			15		30		20		30		mA	
Peak Current Duty 1/10 @1Khz			60		120		80		120		mA	
Power Dissipation			40		100		60		100		mW	
Reverse Current @5V		10			10		10		10		μA	
Operating Temperature	-40°C TO +85°C											
Storage Temperature	-40°C TO +100°C											
Lead Soldering Temperature 260°C For 5 Seconds (2.0mm From Body)												

文件編號:QW0905-LA44B/2X-1 版本:E 生效日期:Mar . 7 . 2000